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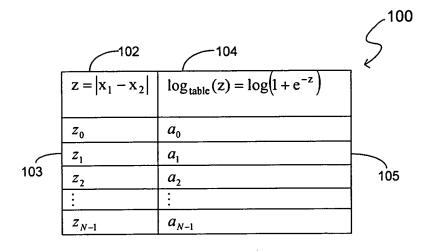


Figure 1 (Prior Art)

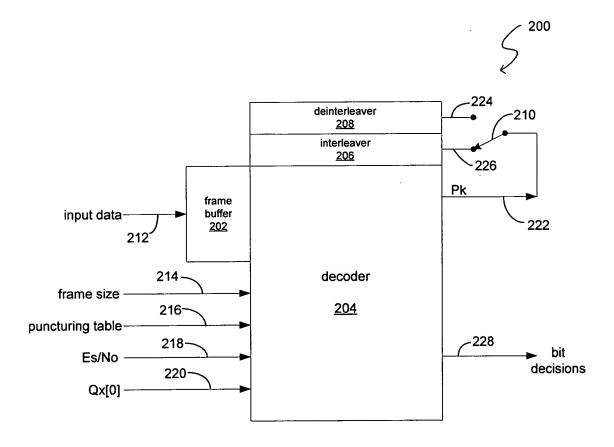


Figure 2

TITLE: An Implementation of a Turbo Decoder INVENTOR: Warm Shaw Yua Attorney Docket: M-7976 US

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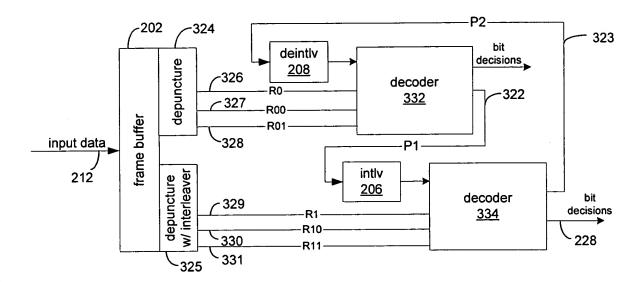


Figure 3

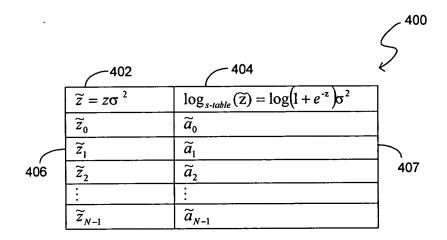


Figure 4

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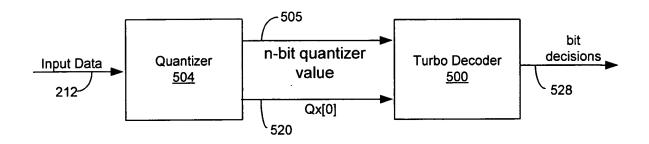
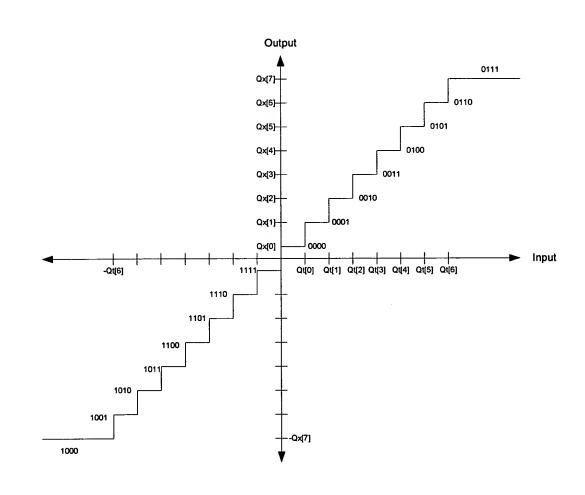


Figure 5



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Figure 6

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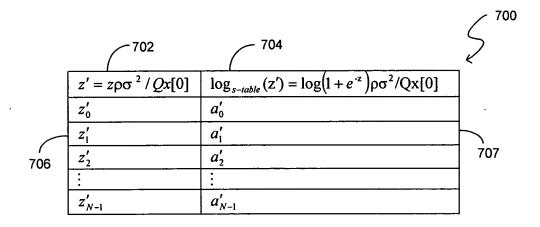


Figure 7

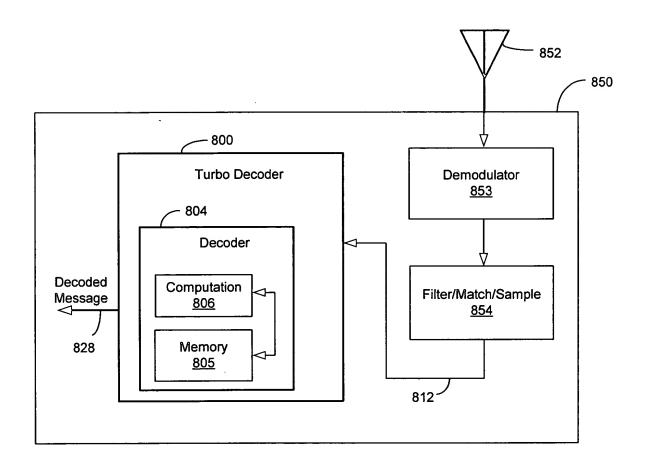
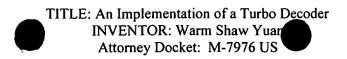


Figure 8



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		900
902	910	904
$\overline{z}$	Z Addr	$\log_{\text{table}}(\overline{z}) = \log(1 + e^{-\overline{z}})$
$\bar{z}_0 = 0$	0	$\overline{a}_0$
$\overline{z}_1 = 1 \times 2^{\lfloor \log_2(z_I) \rfloor}$	1	$\overline{a}_1$
$\overline{z}_2 = 2 \times 2^{\lfloor \log_2(z_i) \rfloor}$	2	$\overline{a}_2$
:	:	:
$\overline{z}_{2N-1} = (2N-1) \times 2^{\lfloor \log_2(z_1) \rfloor}$	2 <i>N</i> – 1	$\overline{a}_{2N-1}$

Figure 9

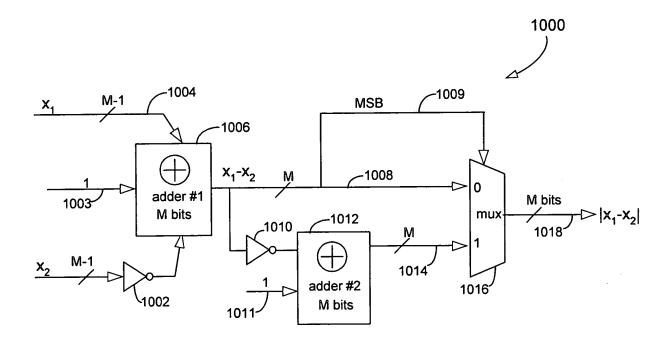


Figure 10

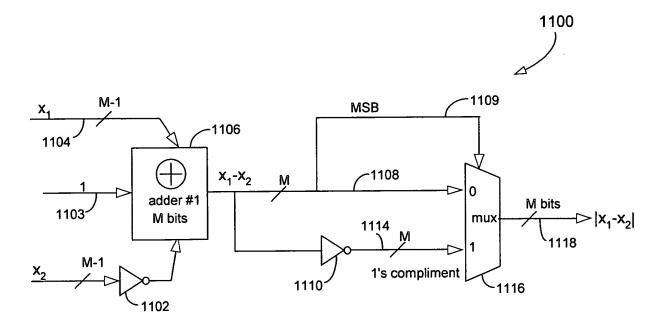
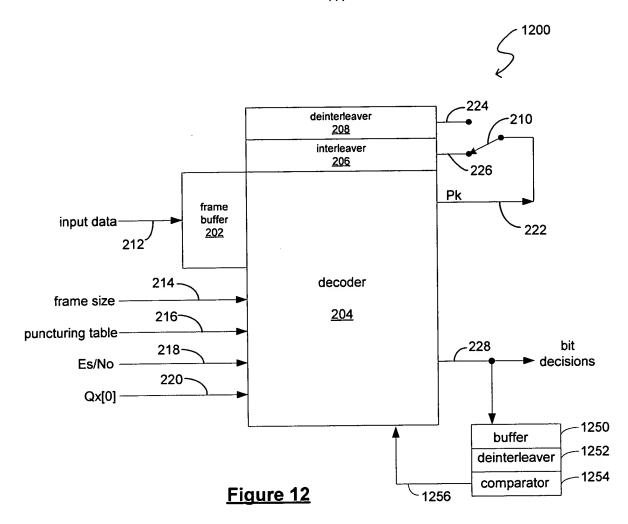


Figure 11

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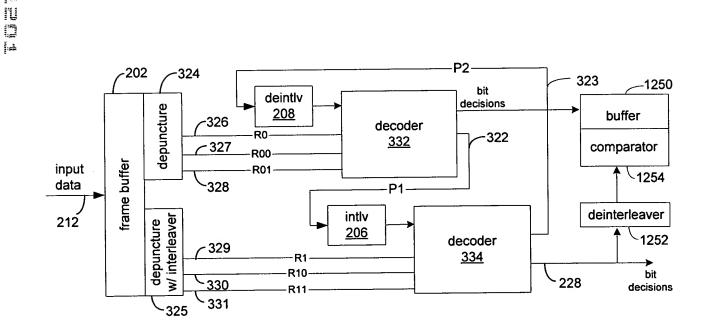


Figure 13